

PERFORMANCE WORK STATEMENT
FOR
GROUNDS MAINTENANCE

SHEPPARD AFB, TEXAS
Revised MARCH 1998

AMENDMENT 0002 to F4161298R0009

**PERFORMANCE WORK STATEMENT
FOR
GROUNDS MAINTENANCE
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SECTION C-1

GENERAL INFORMATION

1.1. SCOPE OF WORK. The contractor shall provide all personnel, equipment, tools, materials, supervision, and other items and services necessary to perform the Grounds Maintenance as defined in this Performance Work Statement (PWS), except as specified in Paragraph 3 as government-furnished property and services, at Sheppard Air Force Base, Texas. The contractor shall perform the contracted services to the standards identified in this contract and in accordance with industry standards.

1.2. CONTRACTOR PERSONNEL

1.2.1. Contract Manager. The contractor shall provide a contract manager who shall be responsible for the performance of work. The name of this person, and an alternate or alternates who shall act for the contractor when the manager is absent, shall be designated in writing to the contracting officer at the preperformance conference and updated as necessary.

1.2.1.1. The contract manager or alternate shall have full authority to act for the contractor on all contract matters relating to the daily operation of this contract.

1.2.1.2. The contract manager or alternate shall be available during normal duty hours within 30 minutes to meet on the installation with government personnel (designated by the contracting officer) to discuss problem areas. After normal duty hours, the manager or alternate shall be available within one hour.

1.2.1.3. The contract manager and alternate or alternates shall be able to read, write, speak, and understand English.

1.2.2. Contractor Employees. The contractor shall not employ any person for work on this contract if such employee is identified to the contractor by the contracting officer as a potential threat to the health, safety, security, general well-being or operational mission of the installation and its population. The contractor shall insure all employees have adequate knowledge of the proper procedures for using chemicals, tools and equipment necessary to complete assigned tasks.

1.2.2.1. Contractor personnel shall present a neat appearance and be easily recognized as contractor employees. This may be accomplished by wearing clothing clearly bearing the name of the company or by wearing appropriate badges which contain the company name and employee name. Identification shall be worn or attached to outer garments at all times.

1.2.2.2. The contractor shall insure all employees who apply any type of pesticide or chemical product have the following current and valid professional certifications before starting that work

under this contract: State Certification in ornamental and turf pest control. The contractor shall submit to the contracting officer and the Civil Engineer Pest Control Shop a copy of employee certification prior to any application of ornamental and turf pesticides. The contractor shall comply with the laws and regulations of the State of Texas, AFI 32-1053, Pest Management Program.

1.2.2.3. The contractor shall not employ any person who is an employee of the US Government if employing that person would create a conflict of interest. Additionally, the contractor shall not employ any person who is an employee of the Department of the Air Force, either military or civilian, unless such person seeks and receives approval according to the appropriate ethics regulations. The contractor shall not employ any person who is an employee of the Department of the Air Force if such employment would be contrary to the policies in DOD 5500.7R, DOD Joint Ethics Regulation.

1.2.2.4. The contractor is cautioned that off-duty active military personnel hired under this contract may be subject to permanent change of station, change in duty hours, or deployment. Military Reservists and National Guard members may be subject to recall to active duty. The abrupt absence of these personnel could adversely affect the contractor's ability to perform however, their absence at any time shall not constitute an excuse for nonperformance under this contract.

1.2.2.5. The contractor shall provide the contracting officer a list of personnel requiring authority to work on Sheppard AFB prior to contract start date. A revised listing shall be submitted to the contracting officer when any changes occur.

1.2.2.6. The management and control of contractor employees in the performance of this contract shall be the responsibility and prerogative of the contractor; however, the contractor shall comply with the contract requirements and Sheppard Air Force Base regulations concerning conduct of employees.

1.2.3. Security Requirements

1.2.3.1. The contractor shall obtain the following pass and identification items:

1.2.3.1.1. All personnel operating contractor or personally owned vehicles on Sheppard Air Force Base shall have a valid state driver's license with classification appropriate to vehicle operating and shall comply with AFI 31-209 and supplements thereto.

1.2.3.1.2. Contractor and personally owned vehicles used on Sheppard Air Force Base shall be registered with the Security Forces within 48 hours of entry onto the Base. Registration is accomplished at the Security Forces Pass and Registration section. Contractor owned vehicles shall have the company's name clearly identified on each vehicle. Prior to contract start date the contractor shall provide the contracting officer a list of vehicles requiring registration to operate

on Sheppard AFB. This list shall be kept current and a revised listing shall be submitted as changes occur.

1.2.3.1.3. The contractor shall obtain airfield training for all employees who will operate vehicles in the airfield area. The contractor shall contact Base Operations, currently at phone number 676-7119, for information on the training. Contractor employees shall comply with all rules and regulations governing vehicle operation on the flight line and airfield areas. Unattended vehicles shall not have the engine running.

1.2.3.2. The contractor shall obtain an escort into controlled and/or restricted areas on Sheppard Air Force Base, as required.

1.2.4. **Employee Training.** Contractor employees shall possess the knowledge, skills, and training to perform the required tasks of this performance work statement. The contractor shall ensure employees are properly trained and qualified to safely operate grounds maintenance equipment before assigning employees to task that require the use of the equipment. The contractor shall maintain records of each individual's training and certifications.

1.2.4.1. It is recommended the contract manager successfully complete a Master Gardener course. This course is offered throughout the State through the County Extension Offices.

1.2.4.2. Individuals involved in landscape or arboriculture can receive certification by Texas Association of Nurserymen, National Arborist Association, International Society of Arboriculture, American Agronomy Society, Soil/Water Conservation Society, American Horticultural Society, National Arbor Day Foundation or another professional agency in agriculture, forestry, horticulture, or related field.

1.2.4.3. The contractor shall furnish the contracting officer copies of all letters/certifications of competency held by employees/consultants. The contractor shall submit certifications/letters at the preperformance conference and as changes occur.

1.3. QUALITY CONTROL

1.3.1. The contractor shall provide a Quality Control Plan (QCP) that contains, as a minimum, the items listed in 1.3.2 to the contracting officer for acceptance not later than the pre-performance conference. The contracting officer will notify the contractor of acceptance of required modifications to the plan before the contract start date. The contractor shall make appropriate modifications and obtain acceptance of the plan by the contracting officer before the contract start date. The contractor shall submit to the contracting officer an updated plan as changes occur.

1.3.2. The plan shall include as a minimum:

1.3.2.1. A description of the inspection system to cover all tasks and services listed on the

performance requirements summary (PRS). The description shall include specifics as to the areas to be inspected on both a scheduled and unscheduled basis, frequency of inspections, the title and organizational placement of the inspectors. Additionally, control procedures for any government provided keys or lock combinations shall be included.

1.3.2.2. A description of the methods to be used for identifying and preventing defects in the quality of service performed.

1.3.2.3. A description of the records to be kept to document inspections and corrective or preventive actions taken.

1.3.2.4. Include a customer complaint feedback system for correction of complaints. All Customer Complaint Records (AF Form 714) shall be answered, all necessary corrective actions taken, and the completed forms returned to the QAE within one workday.

1.3.3. The records of inspections shall be kept and made available to the government throughout the contract performance period and for the period after contract completion until final settlement of any claims under this contract.

1.4. QUALITY ASSURANCE

1.4.1. According to the Inspection of Services clause, FAR 52.246-04, Inspection of Services-Fixed Price (Part 1, Section E, contract) the government will evaluate the contractor's performance under this contract. For those tasks listed on the PRS (Technical Exhibit 1), the Quality Assurance Evaluator (QAE) or evaluators will follow the methods of surveillance specified in this contract. Government personnel will record all surveillance observations. When an observation indicates defective performance, the QAE will require the contract manager or representative at the site to initial the observation. The initialing of the observation does not necessarily constitute concurrence with the observation, only acknowledgment that he or she has been made aware of the defective performance. Government surveillance of tasks not listed in the PRS or by methods other than those listed in the PRS (such as provided for by the Inspection of Service Clause) may occur during the performance period of this contract. Such surveillance will be done according to standard inspection procedures or other contract provisions. Successive months of unacceptable performance for any Required Service (RS) item may result in other appropriate action(s) by the contracting officer in accordance with the Inspection of Services clause, including Termination for Default. Any action taken by the contracting officer as a result of surveillance will be according to the terms of this contract.

1.4.2. **Performance Evaluation Meetings.** The contracting officer may require the contract manager to meet with the contracting officer, contract administrator, QAE, and other government personnel as deemed necessary. The contractor may request a meeting with the contracting officer when the contractor believes such a meeting is necessary. Written minutes of any such meetings shall be recorded in the contract file and signed by the contract manager and

the contracting officer or contract administrator. If the contractor does not concur with any portion of the minutes, such non-concurrence shall be provided in writing to the contracting officer within 10 calendar days following receipt of the minutes.

1.5. PHYSICAL SECURITY

1.5.1. The contractor shall be responsible for safeguarding all government property provided for contractor use. At the end of each work period, all government facilities, equipment and materials shall be secured. Contractor shall notify the QAE when facilities are found unsecured.

1.5.2. **Key Control.** The contractor shall establish and implement key control methods to ensure keys/key cards issued to the contractor by the government are not lost or misplaced and are not used by unauthorized persons. The contractor shall not duplicate any keys issued by the government. The contractor shall submit to the contracting officer for approval, key control procedures prior to contract start date. The contractor shall include these procedures in the Quality Control Plan.

1.5.2.1. The contractor shall immediately report to the QAE or contracting officer any occurrences of lost or duplicated keys.

1.5.2.2. In the event keys, other than master keys, are lost or duplicated, the contractor may be required, upon written direction of the contracting officer, to re-key or replace the affected lock or locks without cost to the government. The government may, however, at its option, replace the affected lock or locks or perform re-keying and deduct the cost of such from the monthly payment due the contractor. In the event a master key is lost or duplicated, all locks and keys for that system shall be replaced by the government and the total cost deducted from the monthly payment due the contractor.

1.5.2.3. The contractor shall prohibit the use of keys issued by the government by any persons other than the contractor's employees. The contractor shall prohibit the opening of locked areas by contractor employees to permit entrance of persons other than contractor employees engaged in performance of contract work required in those areas.

1.6. HOURS OF OPERATION

1.6.1. **Normal Hours of Operation.** Normal duty hours on Sheppard Air Force Base are 0730 to 1630 hours, Monday through Friday. The contractor is not limited to these duty hours, except in Military Family Housing (MFH) areas. The contractor shall submit requests to work in MFH areas outside of normal duty hours to the contracting officer.

1.6.1.1. **Holidays.** The following legal holidays are observed by Sheppard AFB.

New Year's Day	1 January
Martin Luther King Day	3rd Monday in January
Washington's Birthday	3rd Monday in February
Memorial Day	Last Monday in May
Independence Day	4 July
Labor Day	1st Monday in September
Columbus Day	2nd Monday in October
Veteran's Day	11 November
Thanksgiving Day	4th Thursday in November
Christmas Day	25 December

If these holidays fall on Saturday, the preceding Friday will be observed. If these holidays fall on Sunday, the following Monday will be observed.

1.6.1.2. **Emergency Services.** On occasion services may be required because of sudden unexpected circumstances arising from weather or man-made activities that demand immediate attention. The contractor shall respond as directed by the contracting officer.

1.7. CONSERVATION OF UTILITIES

1.7.1. The contractor shall make sure employees practice utilities conservation. The contractor shall be responsible for operating under conditions that prevent the waste of utilities to include:

1.7.1.1. Lights shall be used only in areas where work is actually being performed.

1.7.1.2. Employees shall not adjust mechanical equipment controls for heating, ventilation, and air conditioning systems.

1.7.13. Water faucets or valves shall be turned off when not in use.

1.8. RECORDS

1.8.1. The contractor shall be responsible for creating, maintaining, and disposing of only those government required records that are specifically cited in this PWS or required by provisions of a mandatory directive listed in Applicable Publications and Forms. If requested by the Government, the contractor shall provide the original record, or a reproducible copy of any such record within 5 working days of receipt of the request.

1.9. ENVIRONMENTAL REQUIREMENTS

1.9.1. **Compliance with Laws and Regulations.** The contractor shall be knowledgeable of and

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comply with all applicable Federal, State, and local laws, regulations, and requirements regarding environmental protection. In the event environmental laws/regulations/requirements change during the term of this contract, the contractor shall comply with such law/regulation as changed. The contractor shall ensure that all subcontractors comply the same.

1.9.3. Hazardous Materials: Hazardous Materials are defined as any product, material, chemical or substance listed in 49 CFR 172.101 and 40 CFR 302. Specifically, a hazardous material is any substance or material, in any quantity or form, that has the potential to harm human health or the environment.

1.9.3.1 The contractor is responsible for advising his employees of all Environmental and Hazardous Materials Handling and is also required to have and maintain Material Safety Data Sheets (MSDS) on all materials that are required by State and Federal Laws and/or Regulations.

1.9.3.2. Prior to use on Sheppard AFB, the contractor shall provide the Base Hazardous Material Pharmacy, Building 21, through the contracting officer, a list of all hazardous materials the contractor brings onto government property and shall provide a Material Safety Data Sheet (MSDS) and an Air Force Form 3952 for each hazardous materials to be utilized in the performance of this PWS in accordance with AFI 32-7086 as supplemented and SAFBI 32-7001, Hazardous Material Management. SAFBI 32-7001 outlines requirements for the procurement, usage and disposal of hazardous materials on Sheppard AFB. In addition, the contractor shall observe proper storage practices for hazardous materials stored on base. There is no Government provided storage area on base. The contractor shall remove hazardous materials after use on a daily basis.

1.9.4. Hazardous and Special Waste Generated by the Contractor. For the purposes of this document, hazardous and special wastes shall include those identified in 40 CFR 261 (Hazardous Waste Identification) and any wastes identified as either hazardous, Class 1 or Special Waste by the Texas National Resource Conservation Commission (TNRCC) in 30 TAC 330-335.

1.9.4.1. All hazardous waste or special waste generated by the contractor during or as a result of this project shall be identified, characterized, containerized, and transported to a permitted disposal facility in strict accordance with the requirements of 40 CFR 260-279 (Hazardous Waste and Used Oil Regulations), 30 TAC 330-335 (TNRCC Industrial and Hazardous Waste Regulations), and Sheppard AFB Hazardous Waste management Plan. Any anticipated hazardous or special waste generation shall be identified to the contracting office prior to ANY generation of such waste. The Base Environmental Coordinator will assist the contractor in determining any special handling or storage procedures.

1.9.4.2. The contractor shall provide a completed Uniform Hazardous Waste Manifest to document all authorized parties and locations involved in the generation, transportation, storage, and disposal of all hazardous and special wastes. The contractor shall provide the Base Environmental Coordination, through the contracting officer, a draft copy of the manifest, for review, no less than 3 working days prior to any hazardous or special waste shipment from the
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installation. The Base Environmental Coordinator will sign as the generator for Sheppard AFB. The contractor shall submit the completed original manifest to the BCE, through the contracting officer, not later than 30 days after waste has been shipped from the base.

1.9.5. Unidentified Hazardous or Regulation Material/Waste Encountered by the Contractor. The contractor shall notify the contracting officer upon encountering any material, not identified in the contract documents, thought to be hazardous to workers, personnel in the area, or the environment. The government shall be responsible for characterization, storage, transportation and disposal of the waste, if necessary. The contractor shall immediately contact the Base Environmental Coordinator upon discovery of unidentified materials/waste who will assist the contractor in determining appropriate procedures to be used.

1.9.6. Nuisance and Polluting Activity Prohibited. Polluting, dumping or discharging of any harmful, nuisance, or regulated materials (such as vehicle maintenance fluids, residue from saw cutting operations, solid waste and hazardous substances) into building drains, site drains, streams, waterways, holding ponds or to the ground surface shall not be permitted and the contractor shall be held responsible for any and all damages which may result. Further, the contractor shall conduct its activities in such a fashion which avoids creating any legal nuisance, including but not limited to, suppression of noise and dust, control of erosion, and implementation of other measures as necessary to minimize off-site impacts of work activities.

1.9.7. Protection of Land Resources. The contractor shall take all necessary precautions to prevent damage to existing pavement, adjacent curbs, sidewalks, and vegetated areas including trees and shrubs. All damaged areas shall be repaired at no additional cost to the government as directed by the contracting officer.

1.9.8. Protection of Fish and Wildlife. The contractor shall perform all contract work in a manner which does not interfere with or disturb fish and wildlife. When the performance of contract work will jeopardize fish and wildlife or their habitat, the contractor shall obtain the contracting officer's approval before proceeding with the work.

1.9.9. Protection of Water Resources. The contractor shall at his own expense comply with all applicable Federal, State, county and local laws and regulations regarding pollution of rivers, lakes, streams, and other waters. The contractor shall store, handle, use and dispose of chemicals, fuels, oils, greases and other materials in a manner which prevents them from entering surface or ground waters.

1.9.10. Accidental Spills. The contractor shall transport, handle, mix, apply and dispose of pesticides in accordance with all applicable Federal, State, county and local laws and regulations and the Resource Conservation and Recovery Act (RCRA). The contractor shall not drain petroleum products onto the ground. The contractor shall notify the contracting officer and the Environmental Coordinator, current phone number is 676-5718, of any spills more than 1/2 pint of pesticide concentrate or petroleum products or any substance listed in 40 CFR 302. The

contractor shall, at his own expense, remove contaminated soil, properly dispose of soil and replace it with uncontaminated topsoil and restore the grounds to their original condition. The contractor shall not dispose of contaminated soil or other hazardous material on Sheppard Air Force Base.

1.9.10.1. **Environmental Spill Plan.** The contractor shall prepare and submit to the contracting officer for approval, a plan in the event of an accidental spill, which is due at the preperformance conference.

1.10. **Lost and Found Property.** The contractor shall ensure that all items of possible personal or monetary value found by the contractor's employees are turned in to the Security Forces.

1.11. **Safety and Health.** All equipment, practices, parts, materials and services supplied by the contractor shall conform to applicable safety and health standards as indicated in the current Code of Federal Regulations (CFR), Title 29, Chapter XVII, paragraph 1910, Occupational Safety and Health Act (OSHA).

1.11.1. The contractor shall comply with all applicable Air Force Occupational Health and Safety Standards and Regulations. Compliance with the American General Contractors' Safety Manual and Occupational Safety and Health Act shall also be a requirement of the contractor for this PWS.

1.11.2. The contractor shall submit a Safety Plan as specified in Section L of this solicitation to the Contracting Officer at the preperformance conference and as changes occur.

1.12. **Fire and Safety.** The contractor shall comply with Sheppard AFB Instruction 32-2001.

1.12.1. The contractor shall report all perceived safety hazards to the contracting officer immediately upon discovery.

1.12.2. The contractor shall report all damage to Government property to the Contracting Officer immediately.

1.13. **Government Observations.** Government personnel other than the contracting officer and quality assurance evaluators may from time to time observe contractor operations. Upon direction by the contracting officer, the contractor shall provide assistance and information for these observations.

1.14. **Approval of Materials and Equipment.** The contractor shall submit to the contracting officer a list of materials and equipment to be utilized for the performance work statement at the preperformance conference. This list shall be updated as changes occur.

1.15. Regulatory Agency Inspections. Copies of all inspections conducted by any regulatory agency shall be provided to the contracting officer within five working days. Copies of any and all violations/deficiencies issued by a regulatory agency shall be furnished to the contracting officer within 48 hours.

1.16. Geography. Climatic data for Wichita County indicates that the county lies in the transitional zone between the humid subtropical climate of east Texas and the continental climate to the north and east. The climate is characterized by rapid changes in temperature such as January may have 42.8 degrees Fahrenheit although subzero temperatures occur about once in five years. The growing season is approximately eight months, with an average frost-free period of 225 days, 30 March to 11 November. This data has been compiled from past history and provided for informational purposes only and may not reflect current conditions. For more information, contact the National Weather Bureau.

1.17. Utility Systems. There are many underground buried utility services at Sheppard AFB which prohibit any excavation of soil. There are also above ground utility connections, downguys, fire hydrants and transformer boxes which restrict free movement of equipment.

SECTION C-2

DEFINITIONS

2.1. GENERAL DEFINITIONS

2.1.1. **Defective Service.** A service output that does not meet the standard of performance specified in the contract for that service

2.1.2. **Lot.** The total number of potential service outputs in a surveillance period.

2.1.3. **Customer.** A customer is an individual who can observe contractor performance.

2.1.4. **Performance Requirement.** The point that divides acceptable and unacceptable performance of a task according to the performance requirement summary and the Inspection of Services clause. It is the number of defectives or maximum percent defective in the lot that is deemed acceptable. Any further defectives will require the government to effect the price computation system.

2.1.5. **Performance Requirements Summary (PRS).** A listing of the service outputs under the contract that are to be evaluated by the QAE on a regular basis, the surveillance methods to be used for these outputs, and the performance requirement of the listed outputs.

2.1.6. **Quality Assurance.** A planned and systematic pattern of all actions necessary to provide confidence that adequate technical requirements are established; products and services conform to established technical requirements; and satisfactory performance is achieved. Quality assurance refers to actions by the government.

2.1.7. **Quality Assurance Evaluator (QAE).** A functionally qualified person who performs quality assurance functions for a contracted service.

2.1.8. **Quality Control.** Those actions taken by a contractor to control the production of outputs to ensure that they conform to the contract requirements.

2.1.9. **Sample.** A sample consists of one or more service outputs drawn from a lot for quality assurance surveillance.

2.1.10. **Quality Assurance Surveillance Plan (QASP).** An organized written document used for quality assurance. The document contains specific methods on how to perform surveillance of the Contractor.

2.1.11. **Unacceptable Condition(s).** A condition that does not conform to quality standards but may be re-performed to conform with quality standards.

2.2. TECHNICAL DEFINITIONS

2.2.1. **As-built Drawings.** A copy, provided to the contractor of a drawing the current contract's Technical Exhibit 3 to be marked with a red marker or pen by the contractor showing any changes to the existing drawing to make that drawing current and correct. When necessary the contractor shall field verify the drawings for correctness.

2.2.2. **Arboriculture.** The planting, pruning, and care of trees, shrubs, broadleaf evergreens, woody vines, woody ground cover plants, and perennial flowers.

2.2.3. **Broadleaf Evergreen.** A plant (including roots) having broad leaves that remains green and functional through more than one growing season.

2.2.4. **Caliper.** The diameter of the trunk of a tree measured 6 inches from the ground. Diameter greater than 4 inches is measured at diameter at breast height.

2.2.5. **Conifer.** Trees or shrubs with true cones and mostly evergreen.

2.2.6. **Common Use Area.** Areas that are not assigned to any specific facility manager or occupant.

2.2.7. **Control Vegetation.** The removal, prevention, and elimination of unwanted vegetation in improved, semi-improved and unimproved areas.

2.2.8. **Crack Grass.** All vegetation and plant life that grows up in the joints and cracks, in all asphalt and concrete pavements. Sidewalks, curbs, parking lots and terraces at Sheppard AFB.

2.2.9. **Deciduous.** Trees or shrubs that shed their leaves seasonally.

2.2.10. **Debris.** Objects that are unsightly or present obstacles to mowing and other grounds maintenance operations. Any silt, sand, rocks, or soil deposited by wind, personnel, equipment or water runoff on all sidewalks, roadways, and terraces. Rocks in lawn areas. Wind and storm damage items. Litter, trash, refuse, rubbish or any material thrown away, rejected, or useless including, but not limited to cigarette butts, cans, paper cardboard, bottles, wood, plastic, and cloth.

2.2.11. **Diameter at Breast Height (DBH).** The diameter of the trunk of a tree at breast height (4 1/2 feet) above the ground.

2.2.12. **Dormant Season.** First killing frost to last killing frost, usually Mid November through late March

2.2.13. **Edging.** The cutting of overhanging vegetation away from a hard surface (curbs, sidewalks, driveways, etc.) to include actual depth penetration of soil.

2.2.14. **Enhanced Areas.** Government designated improved grounds requiring increased levels of service.

2.2.15. **Erosion Control.** Stabilization and restoration of soil and ground covers subject to erosion from wind, water or man-made materials.

2.2.16. **Field Verify.** Physically checking an area to what is represented on a drawing for correctness.

2.2.17. **Grass.** Botanically, any plant of the Grameneae family which is characterized by narrow leaves with parallel veins. The leaves are composed of blade, sheath and ligule. The plants have jointed stems and fibrous roots and inconspicuous flowers usually arranged in spikelets.

2.2.18. **Vegetation Maintenance.** The cultural practices required to provide disease and pest free grasses/vegetation having the desired appearance. This work includes, but is not limited to, mowing, fertilizing, irrigating, reporting of insects and disease, aerating, edging trimming, raking, policing, sweeping and eliminating weeds.

2.2.19. **Vegetation Trimming.** The cutting of grass and weeds in areas that are inaccessible to mowers due to obstacles.

2.2.20. **Hedge.** A row of bushes, conifer trees, or trees planted close together forming a barrier or boundary.

2.2.21. **Improved Grounds.** Grounds on which intensive development and maintenance measures are performed. This category normally applies to areas within the built-up section of an installation including lawns, landscaping, rock beds, plant beds, flower beds, parade grounds, athletic facilities, military family housing areas, and road shoulders along main thoroughfares.

2.2.22. **Irrigation System.** All of the plumbing and electrical devices, including wiring involved in the distribution of irrigation water. The plumbing begins at, but does not include, the main back flow devices and ends with and includes the drain valves or sprinkler heads. The electrical begins at, and includes, the electrical controller (including box) and ends with the electrical solenoid on a valve or sprinkler head. This includes all irrigation valve pit/box covers

2.2.23. **Irrigation System Maintenance.** Replacement, maintenance, and repair of all existing parts and components of an installed irrigation system, manual or automated.

2.2.24. **Manufacturer's Specifications.** Technical information provided by the manufacturer specifying equipment, operating parameters, and recommended maintenance requirements.

2.2.25. **Mulching Mower.** Engineer designed/manufactured rotary mower for the purpose of mowing and mulching grass clippings.

2.2.26. **Pest Control.** The use of pesticides, including insecticides, rodenticides, herbicides, fungicides, plant growth regulators or biological control agents, to control and/or eliminate undesirable vegetation, insects and disease detrimental to the health of vegetation.

2.2.27. **Pesticide.** Any substance or mixture of substances, including biological control agents, that may prevent, destroy, repel, or mitigate pests and are specifically labeled for use by the U.S. Environmental Protection Agency (EPA).

2.2.28. **Plant Bed.** An area consisting of concentrated shrubs, broadleaf evergreens, flowers or deciduous or conifer trees. Plant beds may contain either rock, wood mulch, bark chips or peat moss at a 3" depth as a surface ground cover. Plant beds are normally surrounded by edging such as; steel, wood, concrete, brick, rubber, or moss rock.

2.2.29. **Plant Growth Regulator.** Any compound used to inhibit the growth of selected plant species without harming desirable vegetation.

2.2.30. **Policing Grounds.** The pickup, removal and disposal of litter, such as paper, bottles, cans, cardboard, plastic containers, rags, tree limbs, branches, twigs, broken glass, chunks of concrete or asphalt, sod, leaves, tumbleweeds, dead animals, paper and plastic hung in trees or fences, rocks, cigarette butts and other items identified by the QAE as trash and other debris.

2.2.31. **Prune.** The selective or discriminate removal of dead, dying, diseased, live interfacing, objectionable and weak branches in a scientific manner.

2.2.32. **Replacement Plants.** All trees, shrubs, broadleaf evergreens, and perennials flowers shall be damage free, pest free, healthy and have the growers' nursery identification tags and conform to the American Standard for Nursery Stock, ANSI Z60.1.

2.2.33. **Restricted/Controlled Areas.** Those areas designated by the commander that require control of personnel for security reasons and/or equipment for protection of personnel and property. Areas requiring special clearance for entry or requiring an escort to enter, such as the Munitions Storage Area.

2.2.34. **Rolled.** Passed over, in three different directions, with a lawn roller weighing a minimum of 150 pounds (either hand or riding type).

2.2.35. **Selective Herbicide.** Compound with the ability to kill some plants but not affect others.

2.2.36. **Semi-Improved Grounds.** Grounds that require maintenance of a lesser degree than improved grounds. This category includes, but is not limited to, the airfield, rifle ranges, ammunition storage areas, training areas, road shoulders on secondary roads, bands of drainage ditches, and other government designated areas.

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2.2.37. **Shrub.** A woody plant of relatively low height, distinguished from a tree by usually having several stems rather than a single trunk.

2.2.38. **Sod.** Nursery grown grass cut fresh within 24 hours of laying that is healthy and free of insects, diseases, and weeds.

2.2.39. **Structures.** Any buildings, poles, fence posts, fences, utility lines, fire hydrants, street or traffic signs, recreational facilities and equipment associated with but not limited to urban areas.

2.2.40. **Topsoil.** Surface layer soil shall be from the "A" horizon from the Enterprise, Hardeman, Yahola or Yomont soil series as defined by the USDA Natural Resource Conservation Service (NRCS) and free from stones, wood, subsoil, clods, shale, trash, toxic substances, Johnson grass, all grass from Cyperaceae or Sedge family, or other objectionable and hard to eradicate vegetation.

2.2.41. **Vegetation.** All plant growth (grasses and weeds), including seed heads on areas to be maintained.

2.2.42. **Weeds.** Any plant growing where it is not desired. Plants such as, but not limited to: clover, dandelions, purslane, chickweed, plantain, knot weed, black medic, and volunteer trees are also considered weeds. Grass in plant, rock, and shrub beds, cracks in sidewalks, streets, and parking lots is also a weed.

2.2.43. **Wind and Storm Damage.** Fallen trees, limbs, shrubs, and debris deposited on roads, streets, walks, improved, semi-improved, or unimproved grounds. Any blockage of storm drains or silt deposited by water runoff on sidewalks or roadways.

2.2.44. **Maintenance.** The acts of maintaining. To keep in an existing/continuous state.

GOVERNMENT-FURNISHED PROPERTY AND SERVICES**3. GOVERNMENT-FURNISHED PROPERTY**

3.1. The government will provide the equipment, materials, and services listed here or in Technical Exhibit 5.

3.1.1. Irrigation Systems - Part A

Parade Field, Quick Couplers
Bldg 340, Officers' Club, Manual turn on
Bldg 376, Family Housing Office/Bldg 370, Officers' Quarters, Manual turn on
Falcon Blvd., Manual turn on
Jupiter Court, Manual turn on
Nehls Blvd., Manual turn on
Knob Hill, Manual turn on
Bldg 810, Chapel, Manual turn on
Bldg 840, Theater, Manual turn on
Park, 6th and Avenue H, Manual turn on
Bldg 2320, ENJJPT Offices/Training, Quick Couplers, Manual
80th TFW Soccer Field, Manual turn on
Bldg 240 and Bldg 240 Park, Manual turn on
Bldg 120, Commissary and Parking Lot, Manual turn on, Automatic
Bldg 239/202, BX Parking areas, Automatic
Visitors Center/Main Gate Areas, Manual turn on, Automatic
Bldg 160, Temporary Family Lodging, Automatic
Bldg 196, Youth Center
Bldg 260, Officers Quarters, Automatic
Bldg 280, Officers Quarters, Automatic
Bldg 384, Fitness Center, Automatic
Bldg 400, Headquarters, Automatic
Ballfields 1,2,3,4, and North, Automatic
D & E Islands (5 systems), Automatic
Atlas Park, Manual turn on
Central Park, Manual turn on
Bldg 530, Permanent Party Dorm, Automatic
Bldg 632/634, Temporary Quarters, Automatic
Hospital Gate Areas, Automatic
Bldg 649, Manual turn on
Bldg 690 Area, Lodging, Automatic
Bldg 790 Area, Lodging, Automatic
Bldg 1200, Hospital, Manual Turn on and Automatic, Quick Couplers
Bldg 1360, Base Operations, Automatic

Bldg 1402, CE Administration, Automatic
 Bldg 1600, Sheppard Inn, Automatic
 Bldg 1662, Seven Level Training
 Bldg 2322, Automatic
 Missile Road Gate, Automatic
 F-111 Park Automatic
 Bldg 196, Youth Center, Automatic
 Bldg 1660 and Bldg 1661, Seven Level Dormitories, Automatic

Irrigation Systems - Part B

Bldg 4475, Manual Turn On
 Bldg 101, Drive through Bank, Automatic
 Bldg 195, Child Development Center, Manual Turn on
 Bldg 237, Communications Squadron
 Bldg 740, Mini Mall, Automatic
 Bldg 825, North Fitness Center, Automatic
 Bldg 1363, PMEL, Automatic
 Bldg 2333, 80 FTW, Manual turn on
 Bldg 1917, medical Training, Automatic

Irrigation Systems - Part C

Bldg 843, Training Offices, Automatic
 Bldg 922, Tech Training, Automatic
 Bldg 960, Tech Training, Automatic
 Bldg 980, Training Offices, Automatic
 Bldg 982, Training Offices, Automatic
 Bldg 996, Tech Training, Automatic
 Bldg 1025, Tech Training, Automatic
 Bldg 1035, Automatic
 Bldg 1045, Tech Training, Automatic
 Bldg 1921, Tech Training, Manual Turn on
 Bldg 1927, Tech Training, Manual Turn on
 Bldg 1928, Tech Training, Automatic
 Bldg 1950, Tech Training, Automatic
 Bldg 1954, Tech Training, Automatic
 Bldg 1954, Tech Training, Automatic
 Bldg 1956, Tech Training, Automatic
 Bldg 2035, Fuels Complex, Automatic

Irrigation Systems - Part D

Bldg 516, Dormitory, Manual Turn on
Bldg 526, Dormitory, Manual Turn on
Bldg 596, Dormitory, Manual Turn on
Bldg 716, Dormitory, Manual Turn on
Bldg 726, Dormitory, Manual Turn on
Bldg 776, Dormitory, Manual Turn on

3.2. GOVERNMENT-FURNISHED SERVICES

3.2.1. Government-Furnished Utilities. The government will furnish existing utility services, for contractor personnel use including water, sewer, electric and gas services. However, if contractor personnel require utility services that are not existing within the facility, or area of the facility, it shall be the contractor's responsibility to provide such utility service. This shall be accomplished by a portable or temporary means. The installation and removal of temporary or portable units shall be coordinated with the QAE, through the contracting officer.

3.2.2. Reserved.

3.2.3. Reserved.

3.2.4. Reserved.

3.2.5. Reserved.

3.2.6. Insect and Rodent Control. The government will provide insect and rodent control for all government-furnished facilities. The contractor shall notify the contracting officer of any insect or rodent problems observed during work areas.

3.2.7. Reserved.

3.2.8. Security Forces and Fire Protection. The government will provide security Forces and fire protection to the extent necessary to ensure a secure and safe installation. In return for these services the contractor shall adhere to the security and fire directives, instructions and policies of Sheppard Air Force Base. Security Forces Desk Sergeant, current phones numbers are 676-6302 and Fire: 911.

3.2.9. Emergency Medical Services. The government will provide emergency medical treatment for contractor personnel. Contractor personnel are responsible for preparing necessary paperwork, and the contractor shall reimburse the Government for the cost of medical treatment. The contracting officer shall be notified whenever emergency treatment is required.

SECTION C-4

CONTRACTOR-FURNISHED ITEMS AND SERVICES

4.1. GENERAL INFORMATION. Except for those items or services specifically stated in Government Furnished Items and Services, the contractor shall furnish everything needed to perform this contract according to all its terms.

4.1.1. Contractor-Furnished Vehicles. The contractor shall provide and maintain contractor-owned or leased vehicles to meet the requirements of this contract. Any contractor vehicles used in the performance of this contract shall have the company name prominently displayed on both sides of the vehicle. Vehicles shall be maintained and shall be cleaned to present a professional appearance.

4.1.2. All vehicles used in the performance of this contract shall be in operable condition and meet the local, state and federal safety requirements. Equipment such as pick-up trucks which have catalytic converters shall not be operated on grounds which are covered with dry vegetation. Vehicles found to be unsafe or unable to function as designed shall be removed from the installation and replaced at the contractor's expense. Major vehicular repairs shall not be accomplished on base. The contracting officer, or designated representative, may inspect the contractor's vehicles at any time. The contracting officer may direct the removal of any unsafe or non-functional vehicles or equipment from the installation.

4.1.3. All vehicles shall be registered, licensed, insured, and operated in accordance with base traffic regulations by a licensed driver.

4.2. CONTRACTOR FURNISHED EQUIPMENT AND TOOLS. The contractor's equipment, including, but not limited to, mowers (push, riding and tractor), edgers, trimmers, chippers, saws, hedgers etc., shall be of **commercial quality, size, and type suitable for accomplishing the work specified**. All electrical equipment used by the contractor shall meet all safety requirements of this contract and shall be UL approved. It shall be the responsibility of the contractor to prevent the operation or attempted operation of equipment, or combinations of equipment, which require power exceeding the capacity of existing building circuits. The contractor's equipment shall be in good repair and able to operate efficiently and safely. Equipment shall be maintained and kept clean to present a neat, professional appearance. The contracting officer, or designated representative, may inspect the contractor's equipment or tools at any time. The contracting officer may direct the removal of any unsafe equipment or tools. These items shall be removed from the installation and replaced with satisfactory equipment.

4.2.1. Materials and Supplies. The following are representative of the materials and supplies the contractor should have to perform the contract:

4.2.1.1. Fertilizer with slow release nitrogen source.

4.2.1.2. Soil amendments.

4.2.1.3. Topsoil.

4.2.1.4. Pesticides.

4.2.1.5. Seed and sod.

4.2.1.6. Equipment repair parts, such as sprinkler heads, controllers, valves, PVC pipe, etc.

4.3. Airfield Mowers. The contractor-furnished mowers used for operation in the airfield areas shall have a operable yellow beacon or light which can be seen at a distance of 100 feet. The contractor shall furnish two-way radios for contact with the control tower personnel. The frequency shall be 173.4375 MHz. The radio crystals shall be turned over to the government at the end of the contract period. All contractor personnel entering the airfield area shall have a two-way radio for contact with the control tower personnel.

4.4. Contractor Furnished Communications. The contractor shall provide the contracting officer with a phone number which allows government personnel to have immediate contact with contractor personnel during normal duty hours, and numbers to allow government personnel to contact contractor personnel other than duty hours.

SECTION C-5

SPECIFIC TASKS

5. GENERAL INFORMATION. The contractor shall provide all personnel, equipment, tools, supplies, materials and other items necessary to perform Grounds Maintenance Services as defined in this Performance Work Statement (PWS) except as specified as government-furnished property and services at Sheppard Air Force Base. The contractor shall perform in the best and most workmanlike manner by qualified, careful, and efficient personnel skilled in the trade and in compliance with the contract and industry standards. **The estimated quantities of work are listed on Technical Exhibit 2, Workload Estimates.**

5.1. Mowing. The contractor shall remove all debris prior to mowing operations. The contractor shall take precautions to prevent scalping, uneven mowing, rutting by equipment, damage to turf trees, shrubs, hedges, irrigation systems and structures. The contractor shall be responsible for repairing damaged turf, filling and leveling of all depressions, replacing trees, shrubs, hedges, and irrigation system parts damaged during grounds maintenance operations. Replacement trees, shrubs, and hedges shall have similar size and shall be in accordance with the American Standard for Nursery Stock. Replacement of irrigation system parts shall have the same specifications as the original. All mowers shall be equipped with all of the manufacturer's installed safety devices and shall be in good working order. These devices shall not be removed or otherwise modified. Repairs to grounds, plants, or irrigation systems shall be accomplished within 24 hours from the time the damage occurs. Repairs not completed within 24 hours shall be coordinated through the contracting officer. Mower blades shall be sharpened and balanced to ensure even cutting of grass blades. Contractor shall use mulching mowers to cut vegetation on improved areas. Remove grass clippings whenever large lumps are evident as directed by the contracting officer or designated representative. Vegetation in adjoining ditchlines shall be maintained at the same specifications.

5.1.1. Improved Grounds. The contractor shall mow vegetation on improved grounds as indicated on referenced drawing in Technical Exhibit 3. Vegetation shall be maintained between 2 and 4 inches. Vegetation height shall not exceed a height of 4 inches. Mower shall not be set to mow at a height of less than 2 inches. Unoccupied MFH units shall be mowed according to these same specifications.

5.1.2. Athletic Grounds. The contractor shall mow vegetation on athletic grounds as indicated on referenced drawing in Technical Exhibit 3. Vegetation shall be maintained between 2¼ to 3¼ inches. Vegetation height shall not exceed a height of 3¼ inches. Mower shall not be set to mow at a height of less than 2¼ inches.

5.1.3. Semi-Improved Grounds Airfield. The contractor shall mow vegetation on airfield semi-improved ground as indicated on referenced drawing in Technical Exhibit 3. Vegetation on airfield grounds shall not be allowed to exceed a height of 14 inches. The contractor shall not set mowers to mow at a height of less than 7 inches.

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5.1.3.1. **Airfield Lights.** The contractor shall insure runway and taxiway lights, distance markers, and the visual glide slope indicators are completely free of vegetation obstructions at all times.

5.1.3.2. **Radio Contact.** Each contractor employee shall maintain two-way radio contact with the control tower and Base Operations anytime they are operating in the airfield area. Contractor shall provide all two way radios required for these operations.

5.1.3.3. **Airfield Areas.** Grounds maintenance work within 150 feet of the edge of runways, runway overruns, and approach zones shall be accomplished when there are no flying activities; this shall normally be at a time other than normal duty hours for the base. The contractor shall notify the Control Tower when entering and exiting the airfield areas and provide work area location for the day within airfield areas. The contractor shall clear the runway area for aircraft launch and recovery operations immediately upon notification from the Control Tower or Base Operations. The contractor will be given approval by the tower to resume work.

5.1.3.4. Contractor employees shall obtain proper training and procedural guidelines from Base Operations prior to their performing any work in the airfield under this PWS. This training shall be coordinated through the contracting office or designated representative with Base Operations. Training shall be re-accomplished if airfield operation guidelines are changed.

5.1.4. **Semi-Improved Grounds Other Areas.** The contractor shall mow vegetation on semi-improved grounds as indicated on drawing referenced in Technical Exhibit 3. The ten feet adjacent to roadways shall be mowed to specifications of paragraph 5.1. Everywhere else, vegetation shall not exceed a height of 14 inches. Mowers shall not be set to mow at a height of less than 3 inches.

5.1.5. **Unimproved Grounds.** The contractor shall maintain unimproved grounds to prevent fire hazards. The contractor shall mow vegetation on unimproved grounds as indicated on drawing referenced in Technical Exhibit 3. Vegetation height shall not exceed 24 inches. Mowers shall not be set to mow at a height of less than 3 inches.

5.1.5.1. **Drainage Ditch Area.** The contractor shall maintain vegetation on approximately 1,000 feet of ditch line to prevent fire hazards and an unsightly appearance. The Drainage Ditch varies from 10 to 15 foot widths from the bridge to the perimeter fence line as indicated on Technical Exhibit 3-7.

5.1.6. The contractor shall ensure improved and athletic grounds are maintained to present an appearance of a well manicured lawn. This includes maintaining vegetation in areas that are too wet for industrial size equipment, but not for smaller equipment and/or weed eaters. Maintenance of wet areas on semi-improved grounds will be addressed on a case to case basis, depending on visibility, conditions of areas, and possible safety concerns.

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5.2. Edging. The contractor shall perform edging on sidewalks, driveways, curbs, and other concrete structures and remove vegetation in sidewalk joints and street gutters on improved, athletic, and semi-improved grounds as indicated on drawings referenced in Technical Exhibit 3. Contractor shall perform edging along concrete ditches located along 1st Street, Wherry Housing, and in front of Capehart Housing Area. Vegetation shall not extend over the edge of sidewalks, driveways, and curbs, concrete structures etc. more than 1 1/2 inches.

5.3. Trimming. The contractor shall perform trimming on improved, athletic, and semi-improved grounds as indicated on drawing referenced in Technical Exhibit 3. The contractor shall trim all vegetation around trees, hedges, shrubs, sprinkler and utility system components, fences and parts, airfield lights, barrier stanchions, flower beds, boulders, any fixed structure, and other structures so that vegetation corresponds to the height of the mowing requirements in the area; this includes vegetation inside and around shrubs and hedges not located in plant beds in improved areas. Trees, shrubs, and hedges shall be protected from damage by mechanical trimmers. The contractor at his discretion may provide tree guards on any trees in an effort to assist in the protection from trimmers. Contractor shall repair/replace any tree, shrub, and hedge damaged or killed by contractor at no cost to the Government and in accordance with the American Standard for Nursery Stock.

5.4. Grounds Irrigation. The contractor shall perform irrigation on grounds and MFH units as indicated on drawings referenced in Technical Exhibit 3 and paragraph 3.1.1.

5.4.1. Irrigation. The contractor shall hand water using portable water tanks, hose bib and hoses, portable irrigation pipe or manually operating an irrigation system when watering isolated spots, areas within an irrigation system that is malfunctioning, new sod, fertilizer, watering areas where there is insufficient sprinkler coverage, and MFH units or common areas. The government does not guarantee 100 percent coverage by irrigation systems. Precautions shall be taken to cover all the areas and prevent damage to new grass, seedbed, or plant bed areas; runoff into streets and drainage ditches; and accumulation of water in low areas. Irrigation systems shall be maintained as referenced in Paragraph 3.1.1. and on an as required basis. Areas shall be maintained to present a uniform green color, except during dormant season, without browning and/or barren areas resulting from lack of water. The contractor shall be responsible for determining duration and frequency of irrigation systems operations as required to maintain the grounds as specified unless directed otherwise by the Government. All systems identified in Section C-4 shall be totally operational prior to 15 April (EXCEPTION: Unusually late *freezing* temperatures).

5.4.2. Water Application. Application shall be uniform and of sufficient quantity to provide one (1) inch of water minimum at each application. Moisture shall be maintained to the depth of two (2) inches below the soil surface. Irrigate all lawn areas between the hours of 6:00 pm and 11:00 am. Special requirements for irrigation times may be required and shall be given to the contractor through the contracting officer as recommended by the civil engineers. The contractor shall not water when temperatures are such that the water will freeze on lawns, trees, shrubs, sidewalks, and streets. Daytime watering shall only be allowed with the contracting officer or

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designated representatives approval. Anytime runoff occurs before one (1) inch application minimum is complete, turn irrigation off and allow soil to rest for one hour then continue until one (1) inch application minimum is complete. To prevent excessive waste, contractor shall turn off all irrigation systems when an accumulation of 1 inch of rain or moisture is received within a 24 hour period. The amount of moisture received shall be determined by the Government meteorological office. Other factors including wind, temperature and cloud cover shall be taken into consideration when determining irrigation schedules. Standing water over 1/2 inch in depth, unstable sod/soil and erosion caused by water runoff from irrigation systems shall not be permitted. Damages that occur to grounds from over or under irrigation stated herein shall be repaired by the contractor at no expense to the Government.

5.4.3. Irrigation System. During irrigation initial start-up period, the QAE and contractor shall turn on the irrigation systems jointly. The contractor shall be responsible for the complete understanding, operation and maintenance of all irrigation systems as indicated in Paragraph 3.1.1. and shall assure that the systems are in good working condition at all times to include cleaning, adjusting, and replacement of sprinkler heads, risers, valve boxes, timing systems, zone valves, and coupler valves to where the system joins the main. This shall include but is not limited to, repair of contractor damaged streets, curbs, sidewalks, etc., to such conditions prior to break. In the event of an emergency, the Government may be required to shut off a system or systems using a controllers main valve or valves to prevent damage to real property, protect personnel or prevent excess water shortage. The average start up of systems is 1 Apr and the average time for winterizing systems is 1 Nov.

5.4.3.1. On damages caused by Government, other individuals, or electrical storm damages. The contracting officer will verbally advise the contractor to proceed with the repair. After completion, the contractor shall submit costs for reimbursement for repairs to the contracting officer. An equitable adjustment to the contract will be negotiated.

5.4.3.2. The contractor shall not adjust or turn off the back flow preventor. Contact the Quality Assurance Evaluator or CE EMCS office, current phone number 676-4502, should an emergency arise.

5.4.3.3. The contractor shall inform the QAE when the drawings are not accurate and shall mark on the drawing the changes found. The contractor shall submit as-built drawings to Civil Engineers.

5.4.4. Portable Watering Systems. The contractor shall provide watering hoses and portable watering devices for areas requiring manual watering during irrigation seasons. Areas are identified in Technical Exhibit 3-8.

5.4.5. Trees, Shrubs, and Hedges to be Watered. The contractor shall be responsible for watering trees, shrubs, and hedges outside of irrigated ground areas. Trees to be watered will be less than 4 1/2 inch caliper. Hose bibs are not available in all areas so truck watering is required.

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The contractor shall maintain all trees, shrubs, hedges, and plant beds in a uniform green color, without yellowing, browning, or defoliation of leaves caused by lack of water and shall keep soil under tree, shrub, and hedge canopy moist to a depth of six inches and within one inch of soil surface. Tree, Shrub, and Hedges to be watered are identified in Technical Exhibit 3, Tree, Shrub and Hedge Areas to be Watered.

5.5. Aeration. Contractor shall perform aeration during April prior to fertilization on improved and athletic grounds. Aerification shall be accomplished with a core aerifier making plugs 1/2 inch diameter not less than 3 inches deep or not more than 2 inch centers or water injection cultivator making channels 1/2 to 1/4 inch in diameter with depth ranges from 3 to 8 inches or not more than 5 inch centers. Aeration plugs shall be mulched by use of a fine-cut flail or vertical mower to break up and then drag to spread over lawn area or removed as directed by the contracting officer or designated representative.

5.6. Fertilizer. The contractor shall take soil samples each February at locations as indicated in Technical Exhibit 3. Contractor shall furnish and apply a commercial fertilizer on athletic and improved grounds, and 1,287 military family housing units.

5.6.1. Fertilizer Application. Contractor shall furnish and spread fertilizer once per year during May. Applications shall be made in accordance with soil test results. A copy of the results shall be forwarded to the contracting officer prior to application.

5.6.2. Fertilize MFH. Contractor shall furnish and spread fertilizer once per year during May. The contractor shall notify the contracting officer two weeks prior to fertilizing MFH units. The contractor shall notify the MFH occupants one week prior to beginning fertilizer application by written notices. Notice shall contain dates when fertilization shall take place and directions for occupants to water the lawn once fertilizer is applied. The notice shall include precautions, if any, the occupant should be aware of and delivered one week prior to beginning fertilizer applications.

5.6.3. Fertilize Trees, Shrubs and Hedges. The contractor shall fertilize shrubs and hedges identified in Technical Exhibit 3, Plant bed/Shrub Maintenance Areas. Fertilization shall be accomplished during the months of February or March with a 2-1-1 ratio with iron and trace elements at a rate of one pound per large shrub and 1/2 pound per small shrub. The punch hole method shall be used for large shrubs not in beds. Trees under 4" caliper shall have application of 1 pound fertilizer per caliper inch.

5.7. Maintain Trees. Contractor shall trim trees only to remove storm, wind, or other damage, provide safety clearances, and/or to prevent structural damage. Tree trimming requirements shall be identified by the QAE on an as required basis. Pruning shall be accomplished IAW industry standards (ANSI 2133.1.) The QAE shall be notified when trimming/pruning around utility poles or power lines is needed.

5.7.1. The contractor shall remove sucker growth up to lowest tree canopy (8 to 12 feet).

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5.8. Maintain Shrubs/Hedges. The contractor shall prune/trim shrubs to their natural growth characteristics and sizes as specified for each type using industry standards. As required, removed damaged, diseased and dead limbs. Minimum clearance from buildings, utilities and other obstructions is one (1) foot if possible. (Note: There are areas where shrubs/hedges were incorrectly planted and the one foot from building is not possible.) No informal hedges or screen plantings shall be converted to formal shapes. Those already established in formal shapes shall be maintained at that standard.

5.8.1. The contractor shall maintain all shrubs and hedges at locations identified in Technical Exhibit 3, Plantbed/Shrub Maintenance Areas and in accordance with paragraph 5.9. Shrubs/hedges to be maintained may or may not be included in a plant bed.

5.8.2. The contractor shall prune all shrubs and hedges semi-annually in improved grounds, other than areas listed in Technical Exhibit 3 for continuous maintenance. The QAE will identify shrubs and hedges to be pruned. Schedules shall be established with the particular characteristics of each shrub or hedge.

5.9. Plant beds. The contractor shall perform necessary policing and landscaping on flowers, ground covers and shrubs/hedges in plant beds and special landscaped areas. The contractor shall remove or eradicate all undesirable vegetation manually or mechanically as required from the root source. The contractor may use a pesticide after proposed pesticide (with MSDS and proposed sites for usage) has been submitted to the contracting officer, and approved by the Base Pest Management Coordinator.

5.9.1. The contractor shall apply shredded mulch or tree chips, not exceeding 1 1/2 inches in size from tree chippings, or a commercial mulch. Mulch/chips shall be applied to a depth of 2 inches with a 2 inch clearance from plant trunk. A sample of proposed mulch/chips shall be submitted to the contracting officer and approved by Civil Engineers prior to use.

5.10. Police Grounds. General litter patrol shall be performed by the contractor in all areas of the contractor's responsibility to include the areas beyond the road shoulders, in all directions, for a distance of 50 yards. Contractor's policing responsibilities shall include, but not limited to, the pick-up, removal, and disposal of all natural debris (tree limbs, dry brush, leaves, dead animals), and man-made debris. Contractor shall police all improved grounds 3 times a week. Contractor shall police all semi-improved grounds once weekly. Three times a week means Monday, Wednesday, and Friday or Tuesday, Thursday and Saturday. Once weekly means at least five days separate the areas policed. The contractor shall submit proposed schedule of policing activity to the contracting office at the preperformance conference. Revised schedules shall be submitted as changes occur.

5.11. Work Orders. The contractor shall be responsible for completing all work orders in accordance with specified contract paragraphs and within the time specified by the work order.

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Estimates by type are located on Technical Exhibit 2. Work orders shall be filed at the contractor's site in a manner approved by the contracting officer. Work orders are subject to review at any time and shall be turned over to the contracting officer at the completion of this contract.

5.11.1. Mow, Edge, and Trim MFH Units. The contractor shall mow, edge, and trim improved grounds in military family housing (MFH) units IAW Improved Grounds standards, paragraph 5.1.1., 5.2., and 5.3. Work shall be accomplished within 3 workdays of receipt of the work order

5.11.2. Irrigate MFH Units. Irrigate improved grounds in unoccupied MFH units IAW paragraphs 5.4. Work shall be accomplished within 1 day of receipt of work order.

5.11.3. Over-seed improved grounds. Contractor shall use a power rake or vertical mower on the turf prior to over-seeding. Contractor shall cultivate by coring or slicing prior to over-seeding compacted soils. Seed shall be distributed with a cyclone broadcaster. Contractor shall apply seed in two directions for uniform coverage. Seed shall be worked down to the soil by dragging a steel mat over the area. The over-seeded soil shall be irrigated and kept moist for three weeks until establishment. Over-seeded area shall be watered IAW paragraph 5.4. Contractor shall seed perennial Rye grass at the rate of 30 pounds per 1,000 square feet. Initial work shall be accomplished within 1 week of receipt of work order.

5.11.4. Leaf Removal. The contractor shall remove fallen leaves on improved grounds within 3 days of receipt of work order.

5.11.5. Repair/renovation of ground area. The contractor shall hydro-seed, seed, or sod areas identified by QAE to repair any poor quality areas, or areas damaged by vehicular or foot traffic, utility system repair, building repair, winter kill, drought, or insect/disease, and fill and level natural-occurring depressions to meet the appearance of the surrounding area. This includes, but is not limited to, killing existing vegetation with non-selective herbicides, thorough tilling of soil, adding soil amendments, adding top soil, irrigation, fertilization, and use of erosion mats. Initial work shall be accomplished within 1 week of receipt of work order. Contractor shall continue performance until area acquires a stand of turf from the sodding, seeding, or hydro-seeding operation. A living sod product shall be accomplished within a reasonable amount of time and shall have 95 % coverage of the area. Living sod is defined as sod, uniform in color and leaf texture.

5.11.5.1. Hydro-seed/Seed/Sod bed Preparation. Tillage shall be done with a rotary tiller. Contractor shall till and cross-till to a depth of 4 inches, destroying all existing vegetation except desirable grasses. Soil amendments, topsoil or sand shall be added after tillage and tilled again to incorporate into the soil. Contractor shall rake out all debris to leave a smooth seed bed. Contractor shall fertilize area as necessary to insure a good stand of turf.

5.11.5.2. Seed shall be placed in the soil at a depth of 1/4 to 3/4 inch depending on seed type.

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5.11.5.3. The hydro-seeding rate for hulled Bermuda grass is 2 pounds per 1,000 square feet. A 16-20-0 fertilizer at the rate of 175 pounds per acre or its equivalent shall be used. The rate for fiber mulch is 50 pounds per 1,000 square feet. Hydro-seeding shall be accomplished in a uniform application over the soil.

5.11.5.4. Sod shall be living, growing grass consisting of stolons, crowns, rhizomes, and roots with attached soil. The sod shall be free of perennial weeds and other undesirable plants such as Nutgrass and Johnson grass. Sod shall be transplanted within 24 hours after stripping. Sod shall be protected from sun, air, and freezing during transportation. The sod shall be laid smoothly, edge to edge and with staggered joints. The sod shall be pressed firmly into topsoil by rolling with an approved roller to eliminate all air pockets and insure knitting without displacement of sod or deformation of the surfaces of sodded area. Sod shall be of a minimum of 1 inch in thickness.

5.11.5.5. Watering. Newly planted areas shall be watered 3 times daily IAW paragraph C.5.4 to meet the appearance of a stand of turf, living sod, uniform in color and leaf texture.

5.11.5.6. Topsoil, soil amendments, grass/ground cover. Topsoil shall be a sandy loam or sandy clay loam from the top four to six inch surface layer of soil. Topsoil shall be fertile, friable, natural surface soil, free of subsoil, clods, shale, trash, toxic substances, stones, Johnson grass, all grass from Cyperaceae or Sedge family, or other objectionable and hard to eradicate vegetation. Topsoil shall be a Class II soil as defined by the Soil Conservation Service from the Enterprise, Hardeman, Yahola or Yomont soil series. Estimated quantity is 1,000 cubic yards.

5.11.5.7. Grass/Ground Cover Types:

SEED: Bermuda, Buffalo, Perennial Rye grass, or Kentucky 31' Tall Fescue

SOD: Bermuda, Buffalo, "Raleigh" St. Augustine

5.11.6. **Clean ditches.** Contractor shall clean concrete ditches by removing debris. Work shall be accomplished within three days of receipt of work order.

5.11.7. **Established Trees to be Watered during Drought Conditions.** The contractor shall be responsible for watering established trees during drought conditions outside of irrigated ground areas. Estimated quantity is listed in Technical Exhibit 2. Drought conditions will be determined by Civil Engineers through the Contracting Officer. Civil Engineers will determine the timing and duration. The trees shall be watered to a depth of six inches on the initial work order issued at the beginning of each drought period and the contractor shall have seven days to complete. After the initial seven day period, the contractor shall maintain all trees in a uniform color, without yellowing, browning, or defoliation of leaves caused by lack of water and keep the soil under the tree CANOPY moist to a depth of 6 inches and within 1 inch of soil surface. Each work order shall have a seven day performance time. Established trees to be watered during drought conditions are identified in Technical Exhibit 3.

(Revised Mar 98)

C-5-8

AMENDMENT 0002 to F4161298R0009

5.11.8. Remove Tree Limbs and Debris.

5.11.8.1. Routine Services. The contractor shall remove tree limbs and debris from identified areas that present obstacles to grounds maintenance operations, safety hazards, or are unsightly. The contractor shall complete work within three days of receipt of work order. The contracting officer or designated representative shall identify areas by work order. The contractor shall submit total man hours for each work order issued.

5.11.8.2. Emergency Services. The contractor shall perform necessary services due to sudden, unexpected circumstances arising from weather or man-made activities that demand immediate attention, such as wind and storm damage. The contractor shall respond within four hours and begin work immediately. Contractor shall submit total man hours for each work order issued. The contracting officer or designated representative shall identify services by work order.

5.12. Debris removal and disposal. The contractor shall thoroughly police work areas so no debris is left in, under, and around after work is completed. The contractor shall remove and dispose of all debris generated by this performance work statement at the end of each work day in accordance with all local, State, and Federal rules and regulations outside the boundaries of Sheppard AFB.

5.13. Weed Control. The contractor may perform weed control as applicable to remove or eradicate all undesirable vegetation manually or mechanically as required. An approved pesticide/herbicide may be applied to areas after approval from the Base Pest Management Coordinator through the Contracting Officer. All applications of pesticides/herbicides shall be applied by a certified and licensed applicator. The contractor shall provide a copy of current state license to the Base Pest Management Coordinator prior to the initial application of pesticide. The contractor shall submit proposed pesticide and locations to the contracting officer for approval prior to usage.

5.14. Seasonal Information. Dormant Season - 15 Nov to 15 Mar; Spring - 16 Mar to 21 Jun; Summer - 22 Jun to 20 Sep; Fall - 21 Sep to 14 Nov.

5.15 Digging Permit. The contractor shall obtain, through Civil Engineer Squadron, the proper permit prior to any excavations on Sheppard AFB TX.

5.16. Special Provisions.

5.16.1. Areas to be mowed inside fenced enclosures at Bldg 991 and near Bldg 2080 are locked on weekends, holidays, and after 3 pm on normal work days. Mowing shall be accomplished during the time the areas are opened.

(Revised Mar 98)
C-5-9

5.16.2. Performance in Areas Under Construction. Periodically, during the contract performance period, the Government may have separate construction renovation and demolition work performed on grounds on which required services are performed. If this occurs, the Contracting Officer shall notify the contractor to cease performance within those areas. When such results in a decrease or a change, a modification to the contract will be initiated.

5.17. The contractor shall report any interference with mowing and associated work immediately to the QAE and Contracting Officer, such as, but not limited to over watering, by occupant, new construction, and any other obstructions preventing grounds maintenance. If the QAE is not immediately notified, the contractor shall be responsible to ensure the grounds are maintained to contractual requirements.

5.18. During periods of youth activities, portable sporting equipment, such as soccer goals, may be temporarily installed in the field areas. The contractor shall mow and trim these areas with no additional cost to the government.

5.19. Changes in landscaping may occur throughout the life of this contract, such as removal and/or placement of trees and shrubs.

5.20. Replacement of trees, shrubs, and hedges damaged by the contractor shall be at no cost to the government. Replacements shall be of equal size, quantity, and quality as approved by the Contracting Officer. The contractor shall provide a one year warranty for all replacement trees, shrubs, and hedges.

5.21. Damage to Government Property. The contractor shall immediately report any damage to Government property caused by contractor employees to the government representative and the contracting officer.

5.22 Management Plan/Work Plan Report. The contractor shall maintain a management plan that provides the overall approach to ensure scheduled and unscheduled maintenance activities are accomplished in a manner that will maintain healthy, disease-free, well manicured landscapes. The Contract Management Plan shall be provided to the government prior to the contract start date. The contractor shall submit to the QAE and the Contracting Officer a monthly Work Plan Report. As a minimum, the work plan report shall contain work accomplished in the previous month and work scheduled for the current month including all required tasks by this PWS. This report shall be submitted by the fifth work day each month.

5.22.1. Management. The contractor shall provide guidance and coordination for civil engineering grounds maintenance functions to ensure effective and economical operations of all activities.

(Revised Mar 98)
C-5-10

5.22.1.1. The contractor shall insure the contract manager or the assistant contract manager is present at all meetings of base activities that involve civil engineering grounds maintenance interests or support and when representation is requested by another base activity (e.g., Facility Board (FB), work order review committee, Bird Aircraft Strike Hazard (BASH,) etc.). Sufficient notice will be given to the contractor when possible.

5.22.1.2. The contractor shall notify the QAE of all contractor distinguished visitors on business pertaining to contract performance and meetings scheduled during the visit.

(Revised Mar 98)
Added C-5-11

AMENDMENT 0002 to F4161298R0009

SECTION C-6

APPLICABLE PUBLICATIONS AND FORMS

Publications and forms that apply to this PWS are listed below. The publications and forms have been coded as mandatory or advisory. The contractor is obligated to follow those publications and use those forms coded as mandatory to the extent specified in other sections of this PWS. The contractor shall be guided by those publications or use those forms coded advisory to the extent necessary to accomplish requirements in this PWS. All publications and forms listed shall be provided by the government at the start of the contract. It is the responsibility of the contractor to establish follow-on requirements with the publications distribution office. Supplements or amendments to listed publications from any organizational level may be issued during the life of the contract. The contractor shall immediately implement those changes that result in a decrease or no changes in the contract price and notify the contracting officer in writing of such changes. Should a decrease in contract price result the contractor shall provide a proposal for a reduction in the contract price to the contracting officer. Before implementing any change that will result in an increase in contract price, the contractor shall submit to the contracting officer a price proposal within 30 calendar days following receipt of the change by the contractor. The contracting officer and the contractor shall negotiate the change into the contract under the provisions of the contract clause entitled "Changes". Failure of the contractor to submit a price proposal within 30 calendar days following receipt of the change entitles the government to performance according to such change at no increase in contract price (unless the time requirement is waived by the contracting officer according to paragraph (c) of the changes clause).

<u>TITLE</u>	<u>DATE</u>	<u>MANDATORY (M)/ ADVISORY (A)</u>
AFR 19-1 Pollution Abatement and Environmental Quality	Jan 78	M
AFI 31-209 Motor Vehicle Traffic Supervision	Jun 95	A
AFI 31-209 The Air Force Resource Protection Program	Jul 94	A
DOD 5500.7-R Joint Ethics Regulation	Mar 96	A
AFI 32-1053 Pest Management Program	May 94	M
AFI 32-7086 Hazardous Materials Management	Aug 97	A
SAFBI 32-2001 Fire Protection	Sep 96	A

(Revised Mar 98)
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SAFBI 32-7001		
Hazardous Material Management	Apr 97	M
*40 CFR 302		A
*49 CFR		A
*29 CFR 1910.1200		A
*American General Contractor's Safety Manual		A
*Occupational Safety and Health Act		A
*American Standard for Nursery Stock, ANSI Z60.1 (Available from American Association of Nurserymen, 250 I Street, NW, Suite 500, Washington, DC 20005)		A
*American National Standards Institute - for Tree Care Operations - Tree, Shrub and Other Woody Plant Maintenance - Standard Practice		M
*American National Standards Institute - for Tree Care Operations - Pruning, Trimming, Repairing, Maintaining, and Removing Trees		M
*These publications will not be furnished by the Government.		
**Pruning Ornamental Trees and Shrubs in the Home Landscape (from the University of Georgia Bulletin -961		M
**Integrated Natural Resource Plans	1994	A
**This publication is available from 82 Civil Engineer Squadron, Sheppard AFB, Texas		

TECHNICAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY

1. PERFORMANCE REQUIREMENTS SUMMARY. The PRS charts and AF Forms 713 at the end of this exhibit:

1.1. List the PWS requirements that the government will surveil. The absence of any contract requirement from the PRS shall not detract from its enforceability nor limit the rights or remedies of the government under any other provisions of the contract, including the clauses entitled "Inspection of Services" and "Default".

1.2. Define the standard of performance for each listed service.

1.3. Set forth the maximum allowable deviation from standard performance for that service that may occur before the government will invoke the payment computation formula, resulting in a payment of less than 100 percent of the maximum payment for the listed services.

1.4. Define the lot used as the basis for surveillance or for payment computation purposes.

1.5. Set forth the surveillance methods the government will use to evaluate the contractor's performance for the listed tasks.

1.6. Set forth the percentage of the total contract price that the listed contract requirement represents, only if the surveillance method is either 100 % inspection or random sampling.

2. GOVERNMENT QUALITY ASSURANCE. Contractor performance will be surveilled to determine if it meets the contract standards. A variety of surveillance methods may be used.

2.1. Random sampling of recurring service outputs using indifference quality level (IQL) indexed sampling plans.

2.2. One hundred percent inspect of the output.

2.3. Periodic inspection of the processes or output.

2.4. Customer Complaints.

3. PERFORMANCE EVALUATION. Performance of a service will be evaluated to determine whether or not it meets the performance requirements of the contract. When the IQL is exceeded, a Contract Discrepancy Report (CDR) will be issued to the contractor by the contracting officer. Upon evaluation of the contractor's response to a CDR, the contractor's payment for the month in which the performance in question occurred will be calculated as stated

in paragraph 4. The contractor shall respond to the CDR by completing block 9 and block 10 of the form and returning it to the contracting officer within 15 calendar days of receipt. In the case of CDR's issued as the result of other methods of surveillance, the contracting officer shall take appropriate measures according to the clause entitled "Inspection of Services."

4. CONTRACTOR PAYMENT.

4.1. For performance of a service that does not exceed the performance requirement, the contractor shall be paid the percentage of the monthly contract line item price indicated in the PRS for that service.

4.2. If performance of a service exceeds the performance requirement, the government will calculate as follows:

4.2.1. The maximum contract payment per month for all services is multiplied by the maximum payment percentage for the specific service to determine the maximum payment for acceptable service. This payment is multiplied by the percentage of the contract price that the contractor will be paid for the specific service. The total number of defects found, not just those in excess of the reject level, are used to determine the percentage of the sample found unacceptable. The percentage of the sample found unacceptable subtracted from 100 percent determines the percentage found acceptable.

4.2.2. For those services that are performed less frequently than monthly, the payment computation will be determined for the entire surveillance period and will be based on the total maximum payment available for the entire surveillance period.

4.2.3. Any deductions from payment shall be taken from the payment for the month in which the contracting officer makes the determination that deduction is appropriate, regardless of the period in which the performance occurred.

5. EXAMPLES OF PAYMENT COMPUTATION. For this example, assume the following: (1) a performance requirement of 3, (2) a corresponding sample size of 25, (3) a lot size of 500, and (3) that 10 defects were found.

(1) Maximum contract line item payment per month	\$10,000
(2) Maximum payment percentage for the service	5%
(3) Maximum payment for acceptable services	\$ 500
(4) Percentage of sample found unacceptable (10/25, defectives divided by sample size, x 100)	40%
(5) Percentage of sample found acceptable (100% - Line 4)	60%
(6) Payment for percentage of acceptable services (Line 3 times Line 5)	\$300

PERFORMANCE REQUIREMENTS SUMMARY

Required Service	Standard	Performance Requirement	Method of Surveillance	Maximum Payment Percentage for Meeting the Performance Requirement
RS-1 Provide Effective Quality Control Program	QC program managed effectively to meet standards in paragraph 1.3.		Periodic	
RS-2 Provide Grounds Maintenance-Improved Areas	Mow, edge and trim IAW paragraphs 5.1, 5.2, & 5.3.		Periodic	
RS-3 Provide Grounds Maintenance-Semi-Improved Areas	Mow, edge and trim IAW paragraphs 5.1, 5.2, & 5.3.		Periodic	
RS-4 Provide Grounds Maintenance-Unimproved Areas	Mow IAW paragraph 5.1.		Periodic	
RS-5 Provide Irrigation on Installed Systems	Irrigate IAW paragraph 5.4.		Periodic	
RS-6 Provide Irrigation Trees, Shrubs, & Hedges	Irrigate IAW paragraph 5.4		Periodic	
RS-7 Provide Fertilizer	Fertilize IAW paragraph 5.5.		Periodic	
RS-8 Aeration	Aerate IAW paragraph 5.6.		Periodic	
RS-9 Maintain Trees	Maintain trees IAW paragraph 5.7.		Periodic	
RS-10 Maintain Shrubs/Hedges	Maintain shrubs/hedges IAW paragraph 5.8.		Periodic	
RS-11- Maintain Plant beds	Maintain Plant beds IAW paragraph 5.10.		Periodic	
RS-12 Mow, Edge & Trim MFH Units	Mow, edge, and trim IAW paragraphs 5.1, 5.2, 5.3 and work orders	0 Lot is the number of work orders issued per month	100%	100%
RS-13 Irrigate MFH Units	Irrigate IAW paragraph 5.4 and work orders	0 Lot is the number of work orders issued per month	100%	100%
RS-14 Over-seed Improved Grounds	Over-seed IAW paragraph 5.10.3 and work orders	0 Lot is the number of work orders issued per month	100%	100%

TE-1-3

PERFORMANCE REQUIREMENTS SUMMARY

Required Service	Standard	Performance Requirement	Method of Surveillance	Maximum Payment Percentage for Meeting the Performance Requirement
RS-15 Repair/Renovation of Grounds	Repair/Renovate grounds IAW paragraph 5.10.5 and work orders	0 Lot is the number of work orders issued per month	100%	100%
RS-16 Clean Ditches	Clean Ditches IAW paragraph 5.10.6 and work orders	0 Lot is the number of work orders issued per month	100%	100%
RS-17 Established Trees-Watered during Drought Conditions	Irrigate established trees during drought conditions IAW paragraph 5.10.7 and work orders	0 Lot is the number of work orders issued per month	100%	100%
RS-18 Remove Debris	Remove Debris IAW paragraph 5.10.8 and work orders	0 Lot is the number of work orders issued per month	100%	100%
RS-19 Reports	Submit reports accurately and on time to meet requirements IAW paragraph 5.20 and TE-5		Periodic	

TE-1-4

TECHNICAL EXHIBIT 2 WORKLOAD ESTIMATES

DESCRIPTION

QUANTITIES (Approximate)

"VARIANCE OF ESTIMATED QUANTITIES" APPLIES TO THESE ESTIMATED QUANTITIES

Maintain Grounds

Improved Grounds - Mow & Trim	435 acres
Athletic Grounds - Mow & Trim	15 acres
Semi-Improved Grounds, Other - Mow & Trim	366 acres
Semi-Improved Grounds, Airfield - Mow & Trim	2,036 acres
Unimproved Grounds - Mow & Trim	48 acres
Edging - all grounds	980,700 linear feet
Drainage Ditch	1,000 linear feet

Irrigation

Trees	950 to 1,105 Varies (at time of survey: 953)
Shrubs	800 to 900 Varies (at time of survey: 818)
Systems	As listed in C-3

Aeration

Improved Grounds

Fertilization

Improved Grounds
Trees and Shrubs
1,287 MFH Units

Maintain Trees

5,200 to 5,500 Varies
(at time of survey: 5,360)

Maintain Shrubs and Plant Beds

As listed in Technical Exhibit 3

Maintain Shrubs and Hedges (Semi-Annual)

1,500 to 1,800 Varies

(Revised Mar 98)

TE-2-1

AMENDMENT 0002 to F4161298R0009

TECHNICAL EXHIBIT 2

WORKLOAD ESTIMATES

DESCRIPTION

QUANTITIES

WORK ORDERS

Mow, edge and trim improved grounds in unoccupied military family housing units

1,500 MFH Units per year

Irrigate improved grounds in unoccupied military family housing units

525 MFH Units per year

Overseed improved grounds

20 acres per year

Remove fallen leaves on improved grounds

80 acres per year

Repair and Renovation of Grounds areas

Seed areas

15 acres per year

Hydro-seed

10 acres per year

Sod Placement

4 acres per year

Clean Ditches

12,000 linear feet per year

Water Established Trees During Drought

538 continuous per week specified

Remove tree limbs and debris

1,000 man-hours annually

NOTE: The mow, edge and trim drawing is a composite of combined mowing, edging and trimming of all areas. All structures are not shown, such as sidewalks, drives, etc., but are included in the totals of edging requirements. The acreage of mowing is not precise as these areas are included in the mow acreage total.

The mow, edge and trim drawings provided were prepared by Government personnel and are representative of the best knowledge available at the time of preparation. Acreage areas are approximate. The Government assumes no liability in the event actual requirements do not equal the quoted estimates.

TECHNICAL EXHIBIT 3

MAPS AND WORK AREA LAYOUTS

GROUNDS MAINTENANCE

Mow, Edge and Trim

Improved Grounds

Athletic Grounds

Semi-Improved Grounds - Other

Semi-Improved Grounds - Airfield

Unimproved Grounds

*Irrigation Systems Drawings

*Military Family Housing Yard Boundaries (3 drawings)

Maintain Trees

Trees to be Watered

Water Established Trees during Drought Conditions

NOTE: Mow, Edge and Trim drawing is a composite of combined mowing, edging and trimming of all areas. All structures are not shown, such as sidewalks, drives, etc., but are included in the totals of edging requirements. The acreage of mowing is not precise as these areas are included in the mow acreage total. Colored composite drawing will be provided upon award of contract.

*Drawings will be provided upon award of contract.

NOTE: Irrigation System Drawings are only as accurate as provided by the contractor that installed the system. The government has no further knowledge of systems other than that provided by the installation contractor.

THE MOW, EDGE AND TRIM DRAWINGS PROVIDED WERE PREPARED BY GOVERNMENT PERSONNEL AND ARE REPRESENTATIVE OF THE BEST KNOWLEDGE AVAILABLE AT THE TIME OF PREPARATION. ACREAGE AREAS ARE APPROXIMATE. THE GOVERNMENT ASSUMES NO LIABILITY IN THE EVENT ACTUAL REQUIREMENTS DO NOT EQUAL THE QUOTED ESTIMATES.

(Revised Mar 98)

TE-3-1

TECHNICAL EXHIBIT 3

PLANT BED/SHRUB MAINTENANCE AREAS (No Associated Drawings)

<u>LOCATION</u>	<u>PLANTBED SQ FEET</u>	<u>SHRUBS (Plant beds and/or Other)</u>
Parade Field	540	43 Boxwoods, 68 Crepe Myrtle, 42 Red Tip Photinia, 13 Dwarf Burford Holly, 4 Nandina, 27 Dwarf Yaupon Holly, 10 Dwarf Nandina
Main Gate/ Visitor Center Area	2914	10 Yaupon Holly, 58 Crepe Myrtle, 2 Wisteria, 84 Dwarf Nandina, 5 Compacta Nandina, 2 Hetzi Juniper, 16 Red Tip Photinia, 47 Dwarf Yaupon Holly, 116 Tam Junipers, 72 Dwarf Burford Holly
Missile Road Gate Area	1197	43 Dwarf Yaupon Holly, 4 Yaupon Holly, 26 Dwarf Nandina, 9 Dwarf Burford Holly, 121 Procumbens Juniper
Hospital Gate Area	46	22 Dwarf Nandina, 8 Dwarf Yaupon Holly, 2 Yaupon Holly, 8 Dwarf Burford Holly, 4 Crepe Myrtle, 8 Pfitzer Junipers
Capehart Gate Area	830	13 Dwarf Yaupon Holly, 27 Dwarf Nandina, 5 Yaupon Holly
VIP Drives		12 Yaupon Holly, 83 Red Tip Photinia, 18 Dwarf Yaupon Holly
Bldg 1360 East & South	315	4 Yaupon Holly, 14 Junipers, 24 Dwarf Yaupon Holly, 13 Dwarf Nandina, 16 Liriope
Commissary/ BX Parking Lot Islands	24,796	66 Yaupon Holly, 16 Crepe Myrtle, 1020 Junipers
D & E Islands	3150	3 Yaupon Holly, 50 Crepe Myrtle, 281 Dwarf Nandina, 83 Red Tip Photinia
Bldg 1108 Area	2233	18 Enonyous, 45 Yaupon Holly, 25 Juniper, 8 Red Tip Photinia, 93 Liriope, 20 Dwarf Burford Holly
Bldg 340 Area	560	28 Crepe Myrtle, 6 Yaupon Holly, 174 Liriope, 6 Glossy Abelia, 9 Dwarf Yaupon Holly, 5 Compacta Nandina
Bldg 400 Area	1099	1 Glossy Privet, 1 Thorny Elaeagnus, 7 Glossy Abelia, 60 Red Tip Photinia, 2 Nandina, 8 Yaupon Holly, 27 Dwarf Burford Holly, 55 Liriope, 59 Dwarf Yaupon Holly

TECHNICAL EXHIBIT 3

**PLANT BED/SHRUB MAINTENANCE AREAS
(No Associated Drawings)**

<u>LOCATION</u>	<u>PLANTBED SQ FEET</u>	<u>SHRUBS (Plant beds and/or Other)</u>
Bldg 402 Area		24 Crepe Myrtle, 8 Dwarf Burford Holly, 2 Glossy Abelia, 6 Yaupon Holly, 51 Red Tip Photinia, 7 Nandina, 2 Thorny Elaeagnas
Bldgs 331/332/ 333 Area	3300	14 Crepe Myrtle, 39 Dwarf Burford Holly, 29 Glossy Abelia, 52 Compacta Nandina, 55 Thorny Elaeagnus, 16 Red Tip Photinia, 2 Yaupon Holly
Bldgs 127/128/ 129/130/131/ 132/133/134 Areas		3 Thorny Elaeagnus, 13 Red Tip Photinia, 44 Dwarf Burford Holly, 6 Nandina, 14 Junipers, 8 Crepe Myrtle, 3 Glossy Abelia
Bldg 195 Area	891	10 Crepe Myrtle, 3 Yaupon Holly, 18 Dwarf Nandina, 20 Dwarf Yaupon Holly, 16 Boxwoods, 15 Dwarf Burford Holly, 5 Red Tip Photinia
Bldg 160-165 Area	474	10 Glossy Abelia, 14 Yucca, 6 Crepe Myrtle, 5 Yaupon Holly
Bldg 240 Area	5334	39 Red Tip Photinia, 26 Yaupon Holly, 50 Dwarf Burford Holly, 2019 Liriope, 21 Thorny Elaeagnus, 7 Glossy Abelia
Bldg 1200 Area	13638	708 Liriope, 238 Vinca Major, 115 Barberry, 22 Yaupon Holly, 107 Dwarf Nandina, 181 Dwarf Yaupon Holly, 13 Fountain Grass, 160 Dwarf Burford Holly, 19 Crepe Myrtle, 214 Procumbens Juniper, 13 Acuba, 110 English Ivy, 9 Glossy Abelia, 10 Honeysuckle, 3 Nandina, 30 Elaeagnus
Bldg 260 Area	5074	53 Yaupon Holly, 12 Acuba, 969 Liriope, 35 Red Tip Photinia, 105 Dwarf Yaupon Holly, 193 Dwarf Nandina, 64 Nandina, 36 Junipers, 44 Glossy Abelia
Bldg 1368 Area	10881	274 Barberry, 28 Dwarf Yaupon Holly, 8 Pampas Grass, 27 Red Tip Photinia, 34 Dwarf Burford Holly, 286 Junipers, 1175 Liriope, 564 Vinca, 21 Yaupon Holly

TECHNICAL EXHIBIT 3

PLANT BED/SHRUB MAINTENANCE AREAS
(No Associated Drawings)

<u>LOCATION</u>	<u>PLANTBED SQ FEET</u>	<u>SHRUBS (Plant beds and/or Other)</u>
Bldg 1600-1604 Area	2529	53 Yaupon Holly, 110 Dwarf Burford Holly, 21 Red Tip Photinia, 131 Junipers, 15 Glossy Abelia, 190 Liriope, 3 Acuba, 27 Dwarf Yaupon Holly, 14 Sage
Bldg 1402 Area	6849	46 Red Tip Photinia, 8 Yaupon Holly, 6 Pom Pom Junipers, 263 Dwarf Nandina, 88 Dwarf Burford Holly, 19 Crepe Myrtle, 529 Junipers, 7 Mugo Pines, 8 Holly trees, 4 Pom Pom Yaupon Holly, 4 Japanese Maple, 4 Acuba, 11 Yews
Bldg 1511 Area		21 Compacta Nandina, 15 Glossy Abelia, 18 Red Tip Photinia, 15 Crepe Myrtle, 2 Thorny Elaeagnus, 2 Yaupon Holly, 9 Dwarf Burford Holly, 1 Wisteria
Bldg 370 Area	2330	88 Thorny Elaeagnus, 37 Glossy Abelia, 54 Dwarf Burford Holly, 10 Yaupon Holly, 377 Liriope
Bldg 2322 Area	1824	45 Dwarf Yaupon Holly, 6 Crepe Myrtle, 13 Yaupon Holly
Bldg 2320 Area	1050	2 Yaupon Holly, 28 Liriope, 95 Dwarf Yaupon Holly, 9 Thorny Elaeagnus, 3 Compacta Nandina, 11 Red Tip Photinia, 3 Dwarf Burford Holly, 7 Crepe Myrtle, 3 Honeysuckle
Bldg 2330 Area		4 Crepe Myrtle, 3 Dwarf Burford Holly, 4 Glossy Abelia, 3 Thorny Elaeagnus, 2 Nandina
Bldg 2333 Area	162	7 Crepe Myrtle
Bldg 430 Area		1 Glossy Abelia, 7 Crepe Myrtle, 1 Red Tip Photinia, 1 Burford Holly
Bldg 450 Area		12 Nandina, 4 Crepe Myrtle, 14 Glossy Abelia, 1 Red Tip Photinia, 4 Burford Holly
Bldg 825 Area	1062	15 Yaupon Holly, 1 Nandina, 42 Horz Juniper, 20 Crepe Myrtle, 22 Burford Holly, 2 Thorny Elaeagnus

TECHNICAL EXHIBIT 3

PLANT BED/SHRUB MAINTENANCE AREAS
(No Associated Drawings)

<u>LOCATION</u>	<u>PLANTBED SQ FEET</u>	<u>SHRUBS (Plant beds and/or Other)</u>
Bldg 384 Area	1307	3220 Liriope, 1940 Var. Liriope, 31 Texas Sage, 27 Yaupon Holly, 9 Rose of Sharon
Bldg 280 Area	1302	48 Yaupon, 122 Nandina, 114 Glossy Abelia, 60 Acuba, 51 Maiden Grass, 320 Blue Fescue, 123 Red Tip Photinia, 80 Dwarf Yaupon, 680 Liriope, 2068 Monkey Grass
Bldg 632/633/ 634 Area	3488	4 Yaupon Holly, 22 Broadmoor Juniper, 169 Hetzi Juniper

THESE QUANTITIES WERE PREPARED BY GOVERNMENT PERSONNEL AND ARE SUBJECT TO CONSTANT CHANGE DUE TO PLANTS BEING REMOVED (DEAD), REPLACEMENTS, AND/OR ADDITIONS.

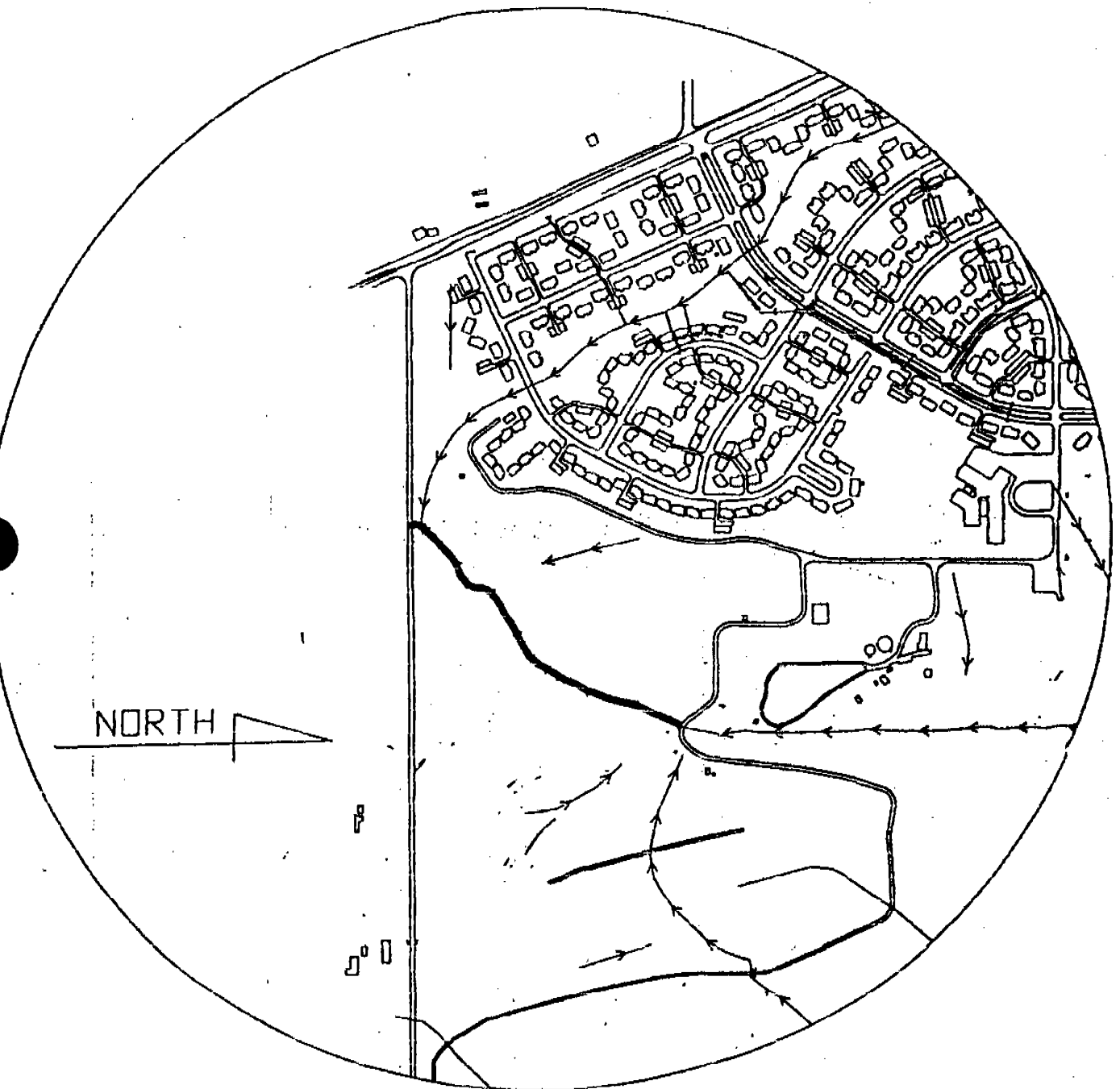
CONTRACTOR SHALL FIELD VERIFY AND BE RESPONSIBLE FOR AREAS IDENTIFIED.

TECHNICAL EXHIBIT 3
SOIL SAMPLE LOCATIONS

Northwest side of Bldg 2320
Area at corner of H Avenue and 22nd Street
Southeast of Bldg 2333
Parade Grounds
Track Area
North of Bldg 333
West of Bldg 100
South Ballfield area
Nehls Bldg
Falcon Island
Island on Mercury Court
Area between Bldgs 1601 and 1602
Northeast of Bldg 400
South of Bldg 726

TECHNCIAL EXHIBIT 3

DITCHLINE DRAWING



TE-3-7

TECHNICAL EXHIBIT 3

**AREAS OF IMPROVED GROUNDS FOR
PORTABLE WATERING SYSTEMS**

Buildings 331, 332, and 333

East of Building 340

East of Building 195

Recreation Park Area on 1st Avenue between Buildings 4475 and 4490

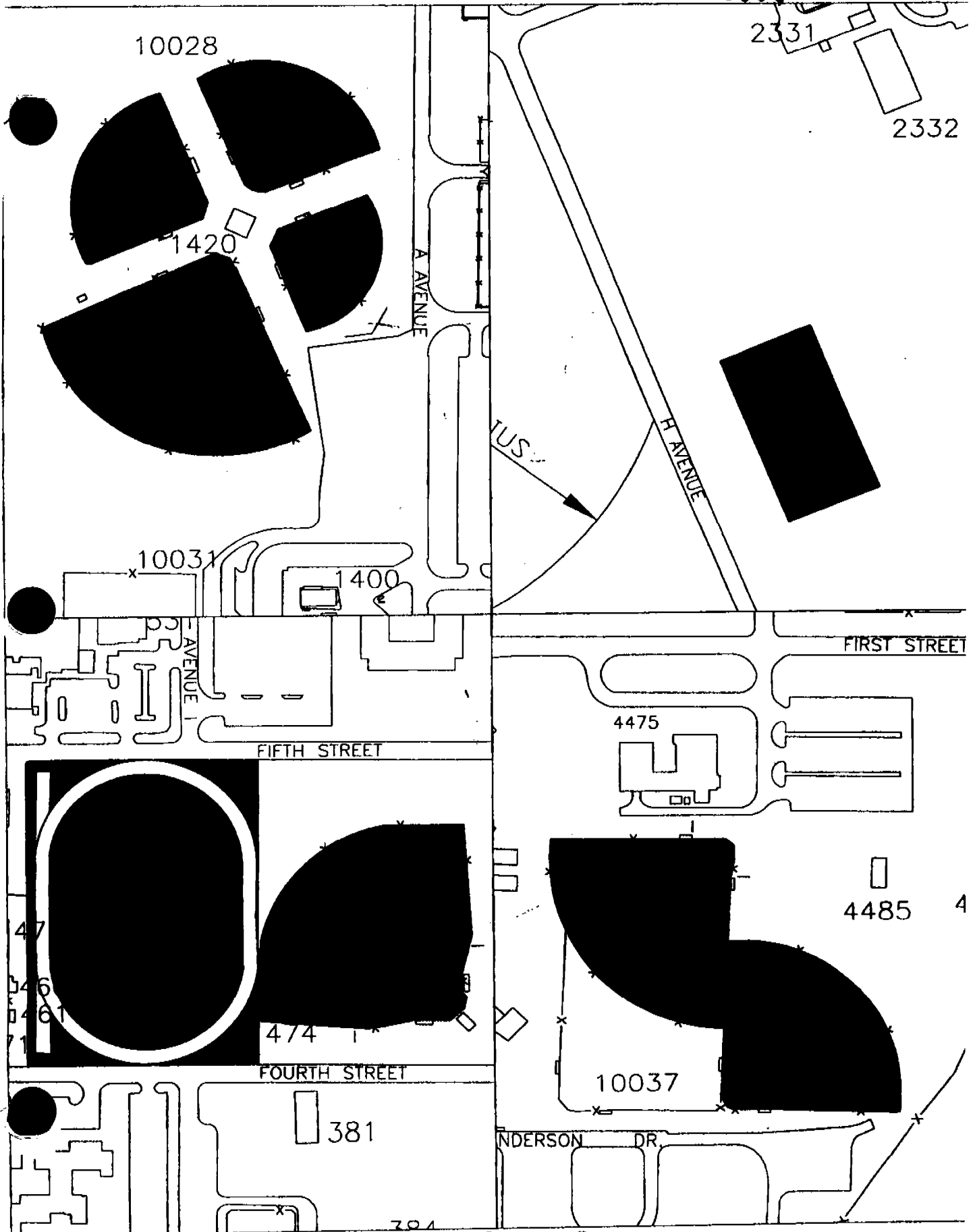
Grounds Area north of 1st Avenue, east of E Avenue, south of 2nd Avenue, west of Commissary
Parking Lot and islands at 1st and E Avenues

Grounds Area around Building 402

Grounds areas around Buildings 127 through 134

Island entering Wherry Housing Area

(Added Mar 98)
TE-3-8



P41612 98 00009

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

See attached Contract Data Requirements List (DD Form 1423) and Data Item Description (DD Form 1664).

CONTRACT DATA REQUIREMENTS LIST

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY:	
				TDP	TM OTHER
D. SYSTEM/ITEM		E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO.	2. TITLE OF DATA ITEM		3. SUBTITLE		
0001	Contractor's Quality Control Program				
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
		Paragraph 1.3		Contracting	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
		One/R			
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft Final Reg Repro
18. REMARKS				Contracting	2
				15. TOTAL	2
1. DATA ITEM NO.		2. TITLE OF DATA ITEM		3. SUBTITLE	
0002		Contractor's List of Employees			
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
		Paragraph 1.2.2.5		Contracting	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
		One/R			
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft Final Reg Repro
18. REMARKS				Contracting	2
				15. TOTAL	2
1. DATA ITEM NO.		2. TITLE OF DATA ITEM		3. SUBTITLE	
0003		Contractor's List of Vehicles			
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
		Paragraph 1.2.3.1.2		Contracting	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
		One/R			
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft Final Reg Repro
18. REMARKS				Contracting	2
				15. TOTAL	2
1. DATA ITEM NO.		2. TITLE OF DATA ITEM		3. SUBTITLE	
0004		Spill Plan			
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
		Paragraph 1.9.10.1		Contracting	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft Final Reg Repro
18. REMARKS				Contracting	2
				15. TOTAL	2

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY		H. DATE	I. APPROVED BY	J. DATE
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CONTRACT DATA REQUIREMENTS LIST

Form Approved
OMB No. 0704-0188

F41612-98

R0009

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM		E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. 0005	2. TITLE OF DATA ITEM Safety Program		3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE Paragraph 1.11.2		6. REQUIRING OFFICE Contracting	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY One/R	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
16. REMARKS				Contracting	Draft Final Reg Repro
				15. TOTAL →	2
1. DATA ITEM NO. 0006	2. TITLE OF DATA ITEM Submittals of Materials		3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE Paragraph 1.14		6. REQUIRING OFFICE Contracting	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY One/R	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
16. REMARKS				Contracting	Draft Final Reg Repro
				15. TOTAL →	2
1. DATA ITEM NO. 0007	2. TITLE OF DATA ITEM Professional Certification		3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE Paragraph 1.2.2.2		6. REQUIRING OFFICE Contracting	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY One/R	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
16. REMARKS				Contracting	Draft Final Reg Repro
				15. TOTAL →	2
1. DATA ITEM NO. 0008	2. TITLE OF DATA ITEM Management Plan/Work Plan Report		3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE Paragraph 5.20		6. REQUIRING OFFICE Contracting	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY One/R	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
16. REMARKS				Contracting	Draft Final Reg Repro
				15. TOTAL →	2
G. PREPARED BY		H. DATE		I. APPROVED BY	
				J. DATE	

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

17. PRICE GROUP

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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

FORM 1664
E41612

98 D0009

98 R0009
Form Approved
OMB No. 0704-0188

DATA ITEM DESCRIPTION

The reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. TITLE Contractor's Quality Control Plan		2. IDENTIFICATION NUMBER 0001	
3. DESCRIPTION/PURPOSE The Quality Control Program provided by the contractor shall describe the method for identifying and preventing defects in the quality of service performed before the level of performance becomes unacceptable as outlined in Section C-1, paragraph 1.3.			
4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) N/A	6a. DTIC APPLICABLE N/A	6b. GIDEP APPLICABLE N/A
7. APPLICATION/INTERRELATIONSHIP			
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER
10. PREPARATION INSTRUCTIONS The plan shall be typewritten with a cover page identifying the plan and the effective date and provided to the contracting officer not later than the preperformance conference. Updated copies shall be submitted as changes occur. The plan shall contain the names of the Quality Control Manager and Quality Control Inspectors and their position within the contractor's management structure.			
11. DISTRIBUTION STATEMENT			

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. TITLE Contractor's List of Employees	2. IDENTIFICATION NUMBER 0002
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3. DESCRIPTION/PURPOSE The contractor shall provide a list of all employees who will be associated with this contract.
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4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
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7. APPLICATION/INTERRELATIONSHIP

APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
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10. PREPARATION INSTRUCTIONS The following shall be included in the list of employees: a. The contract manager and where manager can be reached. b. The alternate contract manager and where alternate manager can be reached. c. Complete list of all personnel who will be performing any part of this contract. d. All management personnel involved in or having authority in the performance of this contract. The list shall be submitted at the preperformance conference and as changes occur.

DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM 98 00009

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TITLE

Contractor's List of Vehicles and Equipment

2. IDENTIFICATION NUMBER
0003

3. DESCRIPTION/PURPOSE

Contractor shall submit a list of all vehicles to be utilized by the contractor in the performance of this contract on Sheppard Air Force Base.

4. APPROVAL DATE
(YYMMDD)

5. OFFICE OF PRIMARY RESPONSIBILITY (OPRI)

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

The following shall be included in the list of vehicles and equipment:

- Make, model, year, and color of vehicles
- License number and state, as applicable
- Brand, Age, Nomenclature, Capability, and Quantity of Equipment

Listing shall be submitted with the technical proposal and updated as changes occur.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

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1. TITLE
Spill Plan2. IDENTIFICATION NUMBER
0004

3. DESCRIPTION/PURPOSE

Plan shall provide procedures in the event of an accidental spill as outlined in Section C-1, paragraph 1.9.

4. APPROVAL DATE
(YYMMDD)

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

The plan shall include procedures for notification, responsibilities, and details in the event of a spill and corrective actions. Plan shall include preventive measures. Plan shall be submitted at the preperformance conference and as changes occur.

DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

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1. TITLE

Safety Program

2. IDENTIFICATION NUMBER

0005

3. DESCRIPTION/PURPOSE

Plan shall provide information on the procedures for ensuring all safety requirements of the PWS, Federal, state, OSHA, and manufacturer's requirements are adhered to.

4. APPROVAL DATE
(YYMMDD)

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

Report shall be typewritten and shall describe the procedures of the contractor's safety program. Plan shall be submitted at the preperformance conference and updated as changes occur.

DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

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OMB No. 0704-0188

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1. TITLE

Submittal of Materials

2. IDENTIFICATION NUMBER

0006

3. DESCRIPTION/PURPOSE

Contractor shall submit to the contracting office an MSDS and manufacturers data on proposed pesticide/herbicide usage.

4. APPROVAL DATE
(YYMMDD)

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

The submittal shall contain the MSDS, manufacturer's data, proposed locations for usage prior to any application and prior to any changes.

DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

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1. TITLE

Professional Certification

2. IDENTIFICATION NUMBER

0007

3. DESCRIPTION/PURPOSE

The contractor shall provide a copy of certification held by employees in the landscape, arboriculture, and pesticide/herbicide field.

4. APPROVAL DATE
(YYMMDD)

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

The copies of certification shall include:

- 1) Name of individual
- 2) Position status with contractor
- 3) Name of Agency, Training Institute
or individual(s) who provided certification

Certifications shall be submitted at preperformance conference and as additions or changes occur.

DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

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OMB No. 0704-0188

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1. TITLE
Management Plan/Work Plan Report

2. IDENTIFICATION NUMBER
0008

3. DESCRIPTION/PURPOSE

The contractor shall submit to the QAE, not later than the fifth work day each month, a management plan that provides the overall approach to ensure scheduled and unscheduled maintenance activities are accomplished.

4. APPROVAL DATE
(YYMMDD)

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

Plan shall be typewritten or legibly hand-written to include all requirements in paragraph C-5.22. Plan shall be submitted not later than the fifth work day of each month covering that month.

11. DISTRIBUTION STATEMENT

AMENDMENT 0002

TECHNICAL EXHIBIT 5

GOVERNMENT-FURNISHED FACILITIES

RESERVED

TECHNICAL EXHIBIT 6

QUALITY STANDARDS

RESERVED